

GENERAL SERVICES

830 MoDOT DRIVE – P.O. BOX 270

JEFFERSON CITY, MO 65109

REQUEST NO. 2-070905B

DATE August 20, 2007

PAGE NO. 1 NO. OF PAGES

SEALED BIDS, SUBJECT TO THE ATTACHED CONDITIONS WILL
BE RECEIVED AT THIS OFFICE UNTIL**2:00 p.m., Local Time, September 5, 2007**AND THEN PUBLICLY OPENED AND READ FOR FURNISHING
THE FOLLOWING SUPPLIES OR SERVICES.**BIDS TO BE BASED F.O.B. MISSOURI DEPARTMENT OF
TRANSPORTATION**

Submit net bid as cash discount stipulations will not be considered

F.O.B. Destinations As Listed

DEFINITE DELIVERY DATE SHOULD BE SHOWN. SIGN AND RETURN BEFORE TIME SET FOR OPENING. **ALL BIDS
SHOULD BE EXTENDED AND TOTALED.**BUYER: Brenda Tyree
BUYER EMAIL:
Brenda.Tyree@modot.mo.gov

BUYER TELEPHONE: 573- 751-7482

ITEM NO.	SUPPLIES OR SERVICES	MFG. NO. OR BRAND	QUANTITY	UNIT	UNIT PRICE	AMOUNT
1	NEMA TS1 Traffic Signal Controller Assemblies See attached sheet					
2	NEMA TS2 Traffic Signal Controller Assemblies See attached sheet Contract period shall be effective from October 1, 2007 through September 30, 2008. All equipment must conform to the attached specifications. Award will be made on "Item-by-Item " basis, provided the prices are acceptable to the Commission. Components of Agreement: The Agreement between MHTC and the successful Bidder shall consist of: the RFB and any written amendments thereto, the "Standard Bid/Proposal Provisions, General Terms and Conditions and Special Terms and Conditions" that are attached to this RFB, the bid submitted by the Bidder in response to the RFB and the post-award contract agreement signed between the parties. However, MHTC reserves the right to clarify any relationship in writing and such written clarification shall govern in case of conflict with the applicable requirements stated in the RFB or the Bidder's bid. The Bidder is cautioned that its bid shall be subject to acceptance by MHTC without further clarification. Return sealed bid to the address shown at the top of this page.					

(SEE ATTACHED FOR CONDITIONS AND INSTRUCTIONS)

*In compliance with the above Request For Bid, and subject to all conditions thereof, the undersigned bidder agrees to furnish and deliver
any or all the items on which prices were bid within the timeframe specified herein, after receipt of formal purchase order.*Date: _____
Telephone No.: _____
Fax No.: _____
Federal I.D. No. _____
Email Address: _____Firm Name: _____
Address: _____
By (Signature): _____
Type/Print Name _____
Title: _____

Specification Requirement:

TS2 bids – A list including each component with the manufacturer name and model number shall be completed and returned with the bids. Only TS2/Type 2 controllers on the attached list will be accepted. Only TS1 cabinets on the latest revision of the MoDOT Approved Product List for Traffic Signals and Highway Lighting will be accepted.

The controllers must be built according to the attached specifications and wired according to the individual phasing sheets.

District Location, Quantities, and Unit of Measure:

The contractor shall provide and deliver the following:

NEMA TS1 Traffic Signal Controller Assemblies

District 1 - St. Joseph	4	each
District 2 – Macon	2	each
District 3 – Hannibal	1	each
District 4 – Kansas City	10	each
District 7 – Joplin	2	each
District 9 – Willow Springs	2	each
District 9 – Rolla	3	each
District 10 – Sikeston	4	each

NEMA TS2 Traffic Signal Controller Assemblies

District 4 – Kansas City	2	each
District 6 – St. Louis	8	each

Illegal Immigrants:

Executive Order: The contractor shall comply with all the provisions of Executive Order 07-13, issued by the Honorable Matt Blunt, Governor of Missouri, on the sixth (6th) day of March, 2007. This Executive Order, which promulgates the State of Missouri's position to not tolerate persons who contract with the state engaging in or supporting illegal activities of employing individuals who are not eligible to work in the United States, is incorporated herein by reference and made a part of this Agreement.

1) "By signing this Agreement, the Contractor hereby certifies that any employee of the Contractor assigned to perform services under the contract is eligible and authorized to work in the United States in compliance with federal law."

2) In the event the Contractor fails to comply with the provisions of the Executive Order 07-13, or in the event the Commission has reasonable cause to believe that the contractor has knowingly employed individuals who are not eligible to work in the United States in violation of federal law, the Commission reserves the right to impose such contract sanctions as it may determine to be appropriate, including but not limited to contract cancellation, termination or suspension in whole or in part or both.

TS2 Traffic Signal Controllers Approved For Purchase

Eagle EPAC M42 (type 2)

Eagle EPAC M52 (type 2)

Econolite ASC/2S-1000 (type 1)

Econolite ASC/2S-2100 (type 2)

Naztec 980 (type 2)

MISSOURI DEPARTMENT OF TRANSPORTATION NEMA TS1 TRAFFIC CONTROLLER ASSEMBLIES

The equipment shall conform to the latest revision of Section 1092 of the Missouri Standard Specifications for Highway Construction and the following:

1. Controller operation shall comply with color sequence and phasing shown on attached intersection layout(s) and phasing and timing sheet(s) *or* controller order form.
2. Time-delay-to-call shall be integral with detectors so indicated. Calling detectors shall be supplied where indicated.
3. Cabinets indicated for side of pole mounting shall be furnished with the bottom undrilled or with a plate of the same cabinet material, covering 85 percent of the bottom area, attached to the bottom with four, 1/4 inch diameter bolts.
4. Furnish three complete operation manuals for all equipment, including but not limited to controllers, conflict monitors, detectors and auxiliary equipment. Furnish four complete cabinet wiring diagrams with each controller. The cabinet wiring diagrams shall include labeling for all field terminal connections and shall provide an orientation of the terminal layout that conforms with the intersection information supplied.
5. Only items on the latest revision of the Missouri Department of Transportation Approved Products List for Traffic Signals and Highway Lighting Equipment will be accepted. The attached Traffic Controller Assembly Equipment List shall be completed and returned with the bids.
6. Closed Loop Controller Requirements:

If the controller is specified for a closed loop system, then it shall be fully communications and features compatible with the specified system and shall conform to the latest revision of Section 1092 of the Missouri Standard Specifications for Highway Construction and the following. All necessary hardware shall be supplied to provide communications. The MoDOT D Plug is not required for the closed loop controllers.

A. Interconnect Panel:

If this item is specified, the cost shall be included in the price bid for the controller.

B. Dial-Up Modem:

If this item is specified, the cost shall be included in the price bid for the controller.

C. Cabinet Accessories:

1. Telephone Interface Panel

The cost of this item shall be included in the price bid for the system master.

2. Extra Service Outlet

The cost of this item shall be included in the price bid for the system master.

7. These controllers shall be equipped with internal time base coordination using daily midnight reference or a selectable daily reference of which midnight can be selected. Each cabinet shall be furnished with twelve load switch jacks, unless otherwise indicated. Load switch jacks shall be completely wired to field terminal facilities as indicated on the controller order form. Conflict monitor shall be a twelve channel unit. All necessary components such as load switches, conflict monitors, flash transfer relays, and detector amplifiers shall be furnished. Cabinet type, interconnect information and delivery locations are attached.

8. All boxes of equipment delivered for a specific intersection should be clearly marked with both the controller number and the intersection, as shown on the Delivery Schedule.

9. All controllers shall be stamped or tagged with a manufacturer's serial number.

Award

The right is reserved to award all or none of the controllers and compatible accessories to a bidder, or to reject any and all bids.

Delivery

All equipment must be received at the specified destination within 90 calendar days after the issue date of the purchase order. Liquidated damages for late delivery will be assessed at \$50.00 per controller per day after the specified delivery date.

All boxes required to complete the controller assembly shall be packaged together as one.

Acceptance

All equipment shall be subject to a twenty day acceptance period, which includes fifteen days for testing the equipment and five days for the supplier to repair or replace any defective equipment. The test period shall begin no later than fifteen days after the date the equipment is received. Any failure or malfunction of the equipment during the test period shall be corrected at the vendor's expense. The equipment shall then be tested for an additional fifteen days. This procedure shall be repeated until the equipment has operated to the state's satisfaction for fifteen consecutive days. Liquidated damages for defective equipment shall be assessed at \$50.00 per controller per day after the twenty day acceptance period.

Liquidated Damages

Liquidated damages will be limited to 50 (fifty) percent of the total contract price. When this amount is reached, the Commission, at its discretion, reserves the right to cancel the remainder of the contract without being considered in breach of the contract and without any additional payment to the bidder. Prior to the effective date of cancellation by the Commission, the Commission will purchase all units requested, received and found acceptable, less any liquidated damages. The Commission will apply liquidated damages to those amounts not fulfilled.

TRAFFIC CONTROLLER ASSEMBLY EQUIPMENT LIST
NEMA TS1 Traffic Signal Controller Assemblies

The following list shall be completed and returned with the bid. Equipment shall be agreed to and approved prior to the contract award. All delivered equipment shall be the products listed below.

<u>Item</u>	<u>Manufacturer</u>	<u>Catalog Number</u>
Cabinet and Back Panel Assembly	_____	_____
NEMA Controller	_____	_____
Conflict Monitor	_____	_____
Load Switch	_____	_____
Flasher	_____	_____
Flash Transfer Relay	_____	_____
Surge Protector	_____	_____
Controller Breaker	_____	_____
Auxiliary Breaker	_____	_____
Power Supply (Card Rack Detectors)	_____	_____
Detector, Induction Loop (2 Channel-Rack Mounted)	_____	_____
_____	_____	_____
_____	_____	_____

Signed: _____ Title: _____ Date: _____

NEMA TS1/TS2 Traffic Signal Controller Order Form

DISTRICT COUNTY DESIGNATION TRAVELWAY CROSS STREET LOG MILE

SHIP TO:

SIGNAL ID

CONTROLLER

SYSTEM MASTER

INTERCONNECT TYPE

BACKPANEL

☐ D PLUG

CONTROLLER TYPE

DETECTION TYPE

VIDEO SYSTEM INTERFACE

VIDEO SYSTEM TYPE

CABINET TYPE

CABINET DESCRIPTION

PRE-EMPT

PRE-EMPT INFORMATION

NEMA TS1 LOAD SWITCH ASSIGNMENTS

1	2	3	4	5	6	7	8	9	10	11	12
1	2	3	4	5	6	7	8	OLA	OLB	OLC	OLD

☐ EXCLUSIVE PED PHASE

NEMA TS2 LOAD SWITCH ASSIGNMENTS

13	14	15	16

OF STANDARD 2-CHANNEL DETECTOR

NEMA

OF DELAY/EXT 2-CHANNEL DETECTOR

CARD RACK CONFIGURATION

FILL IN POSITIONS NEEDED WITH ASSOCIATED PHASE NUMBER

1-CH1 <input type="text" value="1"/>	2-CH1 <input type="text" value="1"/>	3-CH1 <input type="text" value="2"/>	4-CH1 <input type="text" value="2"/>	5-CH1 <input type="text" value="3"/>	6-CH1 <input type="text" value="3"/>	7-CH1 <input type="text" value="4"/>	8-CH1 <input type="text" value="4"/>
1-CH2 <input type="text" value="5"/>	2-CH2 <input type="text" value="5"/>	3-CH2 <input type="text" value="6"/>	4-CH2 <input type="text" value="6"/>	5-CH2 <input type="text" value="7"/>	6-CH2 <input type="text" value="7"/>	7-CH2 <input type="text" value="8"/>	8-CH2 <input type="text" value="8"/>

DELAY/EXTEND

DET ☐ DET ☐ DET ☐ DET ☐ DET ☐ DET ☐ DET ☐

VIDEO

V DET ☒ V DET 2 ☒ V DET 3 ☒ V DET 4 ☒ V DET 5 ☒ V DET 6 ☒ V DET 7 ☒ V DET 8 ☒

OTHER INFORMATION OR SPECIAL REQUIREMENTS:

PLEASE WIRE CARD RACK TO ACCOMMODATE 4-CHANNEL DETECTORS FOR VIDEO DETECTION SYSTEM.

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Add a New Record



Close File



NEMA TS1/TS2 Traffic Signal Controller Order Form

DISTRICT COUNTY DESIGNATION TRAVELWAY CROSS STREET LOG MILE

SHIP TO:

SIGNAL ID

CONTROLLER

CONTROLLER TYPE

CABINET TYPE

CABINET DESCRIPTION

SYSTEM MASTER

DETECTION TYPE

INTERCONNECT TYPE

VIDEO SYSTEM INTERFACE

PRE-EMPT

BACKPANEL

VIDEO SYSTEM TYPE

PRE-EMPT INFORMATION

☐ D PLUG

NEMA TS1 LOAD SWITCH ASSIGNMENTS

1	2	3	4	5	6	7	8	9	10	11	12
1	2	3	4	5	6	7	8	OLA	OLB	OLC	OLD

☐ EXCLUSIVE PED PHASE

NEMA TS2 LOAD SWITCH ASSIGNMENTS

13	14	15	16

OF STANDARD 2-CHANNEL DETECTOR

NEMA

OF DELAY/EXT 2-CHANNEL DETECTOR

CARD RACK CONFIGURATION

FILL IN POSITIONS NEEDED WITH ASSOCIATED PHASE NUMBER

1-CH1 <input type="text" value="1"/>	2-CH1 <input type="text" value="1"/>	3-CH1 <input type="text" value="2"/>	4-CH1 <input type="text" value="2"/>	5-CH1 <input type="text" value="3"/>	6-CH1 <input type="text" value="3"/>	7-CH1 <input type="text" value="4"/>	8-CH1 <input type="text" value="4"/>
1-CH2 <input type="text" value="5"/>	2-CH2 <input type="text" value="5"/>	3-CH2 <input type="text" value="6"/>	4-CH2 <input type="text" value="6"/>	5-CH2 <input type="text" value="7"/>	6-CH2 <input type="text" value="7"/>	7-CH2 <input type="text" value="8"/>	8-CH2 <input type="text" value="8"/>

DELAY/EXTEND

DET ☒ DET ☒ DET ☒ DET ☒ DET ☒ DET ☒ DET ☒ DET ☒

VIDEO

V DET ☐ V DET 2 ☐ V DET 3 ☐ V DET 4 ☐ V DET 5 ☐ V DET 6 ☐ V DET 7 ☐ V DET 8 ☐

OTHER INFORMATION OR SPECIAL REQUIREMENTS:

PLEASE WIRE CARD RACK TO ACCOMMODATE 4-CHANNEL DETECTORS FOR VIDEO DETECTION SYSTEM.

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NEMA TS1/TS2 Traffic Signal Controller Order Form

DISTRICT COUNTY DESIGNATION TRAVELWAY CROSS STREET LOG MILE

SHIP TO:

SIGNAL ID

CONTROLLER

SYSTEM MASTER

INTERCONNECT TYPE

BACKPANEL

☐ D PLUG

CONTROLLER TYPE

DETECTION TYPE

VIDEO SYSTEM INTERFACE

VIDEO SYSTEM TYPE

CABINET TYPE

CABINET DESCRIPTION

PRE-EMPT

PRE-EMPT INFORMATION

NEMA TS1 LOAD SWITCH ASSIGNMENTS

1	2	3	4	5	6	7	8	9	10	11	12
1	2	3	4	5	6	7	8	PED 2	PED 4	PED 6	PED 8

☐ EXCLUSIVE PED PHASE

NEMA TS2 LOAD SWITCH ASSIGNMENTS

13	14	15	16

OF STANDARD 2-CHANNEL DETECTOR

NEMA

OF DELAY/EXT 2-CHANNEL DETECTOR

CARD RACK CONFIGURATION

FILL IN POSITIONS NEEDED WITH ASSOCIATED PHASE NUMBER

1-CH1 <input type="text" value="1"/>	2-CH1 <input type="text" value="1"/>	3-CH1 <input type="text" value="2"/>	4-CH1 <input type="text" value="2"/>	5-CH1 <input type="text" value="3"/>	6-CH1 <input type="text" value="3"/>	7-CH1 <input type="text" value="4"/>	8-CH1 <input type="text" value="4"/>
1-CH2 <input type="text" value="5"/>	2-CH2 <input type="text" value="5"/>	3-CH2 <input type="text" value="6"/>	4-CH2 <input type="text" value="6"/>	5-CH2 <input type="text" value="7"/>	6-CH2 <input type="text" value="7"/>	7-CH2 <input type="text" value="8"/>	8-CH2 <input type="text" value="8"/>

DELAY/EXTEND

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DET

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VIDEO

V DET

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V DET 2

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V DET 3

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V DET 4

☒

V DET 5

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V DET 6

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V DET 7

☒

V DET 8

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OTHER INFORMATION OR SPECIAL REQUIREMENTS:

PLEASE WIRE CARD RACK TO ACCOMMODATE 4-CHANNEL DETECTORS FOR VIDEO DETECTION SYSTEM.

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NEMA TS1/TS2 Traffic Signal Controller Order Form

DISTRICT COUNTY DESIGNATION TRAVELWAY CROSS STREET LOG MILE

SHIP TO:

SIGNAL ID

CONTROLLER

CONTROLLER TYPE

CABINET TYPE

CABINET DESCRIPTION

SYSTEM MASTER

DETECTION TYPE

INTERCONNECT TYPE

VIDEO SYSTEM INTERFACE

PRE-EMPT

BACKPANEL

VIDEO SYSTEM TYPE

PRE-EMPT INFORMATION

☐ D-PLUG

NEMA TS1 LOAD SWITCH ASSIGNMENTS

1	2	3	4	5	6	7	8	9	10	11	12
<input type="text" value="1"/>	<input type="text" value="2"/>	<input type="text" value="3"/>	<input type="text" value="4"/>	<input type="text" value="5"/>	<input type="text" value="6"/>	<input type="text" value="7"/>	<input type="text" value="8"/>	<input type="text" value="PED 2"/>	<input type="text" value="PED 4"/>	<input type="text" value="PED 6"/>	<input type="text" value="PED 8"/>

☐ EXCLUSIVE PED PHASE

NEMA TS2 LOAD SWITCH ASSIGNMENTS

13	14	15	16
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

OF STANDARD 2-CHANNEL DETECTOR

NEMA

OF DELAY/EXT 2-CHANNEL DETECTOR

CARD RACK CONFIGURATION

FILL IN POSITIONS NEEDED WITH ASSOCIATED PHASE NUMBER

1-CH1 <input type="text" value="1"/>	2-CH1 <input type="text" value="1"/>	3-CH1 <input type="text" value="2"/>	4-CH1 <input type="text" value="2"/>	5-CH1 <input type="text" value="3"/>	6-CH1 <input type="text" value="3"/>	7-CH1 <input type="text" value="4"/>	8-CH1 <input type="text" value="4"/>
1-CH2 <input type="text" value="5"/>	2-CH2 <input type="text" value="5"/>	3-CH2 <input type="text" value="6"/>	4-CH2 <input type="text" value="6"/>	5-CH2 <input type="text" value="7"/>	6-CH2 <input type="text" value="7"/>	7-CH2 <input type="text" value="8"/>	8-CH2 <input type="text" value="8"/>

DELAY/EXTEND

DET



DET



DET



DET



DET



DET



DET



DET



VIDEO

V DET



V DET 2



V DET 3



V DET 4



V DET 5



V DET 6



V DET 7



V DET 8



OTHER INFORMATION OR SPECIAL REQUIREMENTS:

PLEASE WIRE CARD RACK TO ACCOMMODATE 4-CHANNEL DETECTORS FOR VIDEO DETECTION SYSTEM.

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NEMA TS1/TS2 Traffic Signal Controller Order Form

DISTRICT COUNTY DESIGNATION TRAVELWAY CROSS STREET LOG MILE
2 - MACON ADAIR US 63 MO 6 E Bus 63 30.30000

SHIP TO:

RON HARRISON 26826 US HIGHWAY 63 MACON, MO 63552

SIGNAL ID 5423

CONTROLLER

TS1

SYSTEM MASTER

INTERCONNECT TYPE

NON-COORDINATED

BACKPANEL

12-POSITION-TS1

☐ D PLUG

CONTROLLER TYPE

ACTUATED

DETECTION TYPE

VIDEO W/CARD RACK

VIDEO SYSTEM INTERFACE

INDUCTION DETECTOR PANEL

VIDEO SYSTEM TYPE

Traficon

CABINET TYPE

NEMA/PT STANDARD EV

CABINET DESCRIPTION

PRE-EMPT

PRE-EMPT INFORMATION

NEMA TS1 LOAD SWITCH ASSIGNMENTS

1	2	3	4	5	6	7	8	9	10	11	12
1	2		4	5	6		8				

☐ EXCLUSIVE PED PHASE

NEMA TS2 LOAD SWITCH ASSIGNMENTS

13	14	15	16

OF STANDARD 2-CHANNEL DETECTOR 0

NEMA

OF DELAY/EXT 2-CHANNEL DETECTOR 0

CARD RACK CONFIGURATION

FILL IN POSITIONS NEEDED WITH ASSOCIATED PHASE NUMBER

1-CH1 0	2-CH1 0	3-CH1 0	4-CH1 0	5-CH1 0	6-CH1 0	7-CH1 0	8-CH1 0
1-CH2 0	2-CH2 0	3-CH2 0	4-CH2 0	5-CH2 0	6-CH2 0	7-CH2 0	8-CH2 0

DELAY/EXTEND DET DET DET DET DET DET DET DET
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VIDEO V DET V DET 2 V DET 3 V DET 4 V DET 5 V DET 6 V DET 7 V DET 8
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OTHER INFORMATION OR SPECIAL REQUIREMENTS:

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NEMA TS1/TS2 Traffic Signal Controller Order Form

DISTRICT **2 - MACON** COUNTY **RANDOLPH** DESIGNATION **US** TRAVELWAY **24** CROSS STREET **RTE JJ** LOG MILE **133.84000**

SHIP TO:

RON HARRISON **26826 US HIGHWAY 63** **MACON, MO** **63552**

SIGNAL ID **1615**

CONTROLLER

TS1

SYSTEM MASTER

INTERCONNECT TYPE

NON-COORDINATED

BACKPANEL

12-POSITION-TS1

☐ D PLUG

CONTROLLER TYPE

ACTUATED

DETECTION TYPE

INDUCTION

VIDEO SYSTEM INTERFACE

NONE

VIDEO SYSTEM TYPE

CABINET TYPE

NEMA/PT STANDARD EV

CABINET DESCRIPTION

PRE-EMPT

PRE-EMPT INFORMATION

NEMA TS1 LOAD SWITCH ASSIGNMENTS

1	2	3	4	5	6	7	8	9	10	11	12
	2	3	4		6	7	8				

☐ EXCLUSIVE PED PHASE

NEMA TS2 LOAD SWITCH ASSIGNMENTS

13	14	15	16

OF STANDARD 2-CHANNEL DETECTOR

4

NEMA

OF DELAY/EXT 2-CHANNEL DETECTOR

0

CARD RACK CONFIGURATION

FILL IN POSITIONS NEEDED WITH ASSOCIATED PHASE NUMBER

1-CH1 0	2-CH1 6	3-CH1 6	4-CH1 0	5-CH1 3	6-CH1 8	7-CH1 0	8-CH1 0
1-CH2 0	2-CH2 2	3-CH2 2	4-CH2 0	5-CH2 7	6-CH2 4	7-CH2 0	8-CH2 0

DELAY/EXTEND

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V DET 2

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V DET 3

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V DET 4

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V DET 5

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V DET 6

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V DET 7

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V DET 8

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OTHER INFORMATION OR SPECIAL REQUIREMENTS:

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NEMA TS1/TS2 Traffic Signal Controller Order Form

DISTRICT COUNTY DESIGNATION TRAVELWAY CROSS STREET LOG MILE

SHIP TO:

SIGNAL ID

CONTROLLER

SYSTEM MASTER

INTERCONNECT TYPE

BACKPANEL

☐ D PLUG

CONTROLLER TYPE

DETECTION TYPE

VIDEO SYSTEM INTERFACE

VIDEO SYSTEM TYPE

CABINET TYPE

CABINET DESCRIPTION

PRE-EMPT

PRE-EMPT INFORMATION

NEMA TS1 LOAD SWITCH ASSIGNMENTS

1	2	3	4	5	6	7	8	9	10	11	12
1	2							PED2			

☒ EXCLUSIVE PED PHASE

NEMA TS2 LOAD SWITCH ASSIGNMENTS

13	14	15	16

OF STANDARD 2-CHANNEL DETECTOR

NEMA

OF DELAY/EXT 2-CHANNEL DETECTOR

CARD RACK CONFIGURATION

FILL IN POSITIONS NEEDED WITH ASSOCIATED PHASE NUMBER

1-CH1 <input type="text" value="1"/>	2-CH1 <input type="text" value="1"/>	3-CH1 <input type="text" value="0"/>	4-CH1 <input type="text" value="0"/>	5-CH1 <input type="text" value="0"/>	6-CH1 <input type="text" value="0"/>	7-CH1 <input type="text" value="0"/>	8-CH1 <input type="text" value="0"/>
1-CH2 <input type="text" value="0"/>	2-CH2 <input type="text" value="1"/>	3-CH2 <input type="text" value="0"/>	4-CH2 <input type="text" value="0"/>	5-CH2 <input type="text" value="0"/>	6-CH2 <input type="text" value="0"/>	7-CH2 <input type="text" value="0"/>	8-CH2 <input type="text" value="0"/>

DELAY/EXTEND

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V DET 6

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V DET 7

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V DET 8

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OTHER INFORMATION OR SPECIAL REQUIREMENTS:

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Add a New Record



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NEMA TS1/TS2 Traffic Signal Controller Order Form

DISTRICT COUNTY DESIGNATION TRAVELWAY CROSS STREET LOG MILE
4 - KANSAS CITY CLAY MO 9 10th Street 12.68300

SHIP TO:

MARK DURHAM 9101 EAST 40TH TERRACE KANSAS CITY, MO 64133

SIGNAL ID 243

CONTROLLER

TS1

SYSTEM MASTER

INTERCONNECT TYPE

7-WIRE LOCAL

BACKPANEL

12-POSITION-TS1

☒ D PLUG

CONTROLLER TYPE

ACTUATED

DETECTION TYPE

INDUCTION AND VIDEO

VIDEO SYSTEM INTERFACE

INDUCTION DETECTOR PANEL

VIDEO SYSTEM TYPE

Autoscope

CABINET TYPE

NEMA/PT STANDARD EV

CABINET DESCRIPTION

PRE-EMPT

PRE-EMPT INFORMATION

NEMA TS1 LOAD SWITCH ASSIGNMENTS

1	2	3	4	5	6	7	8	9	10	11	12
1	2		4	5	6				4P		

☐ EXCLUSIVE PED PHASE

NEMA TS2 LOAD SWITCH ASSIGNMENTS

13	14	15	16

OF STANDARD 2-CHANNEL DETECTOR

3

NEMA

OF DELAY/EXT 2-CHANNEL DETECTOR

1

CARD RACK CONFIGURATION

FILL IN POSITIONS NEEDED WITH ASSOCIATED PHASE NUMBER

1-CH1 0	2-CH1 0	3-CH1 0	4-CH1 0	5-CH1 0	6-CH1 0	7-CH1 0	8-CH1 0
1-CH2 0	2-CH2 0	3-CH2 0	4-CH2 0	5-CH2 0	6-CH2 4	7-CH2 4	8-CH2 4

DELAY/EXTEND

DET DET DET DET DET DET DET DET DET
☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☒

VIDEO

V DET V DET 2 V DET 3 V DET 4 V DET 5 V DET 6 V DET 7 V DET 8
☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐

OTHER INFORMATION OR SPECIAL REQUIREMENTS:

Go To Next Record



Go to Previous Record



Add a New Record



Close File



NEMA TS1/TS2 Traffic Signal Controller Order Form

DISTRICT COUNTY DESIGNATION TRAVELWAY CROSS STREET LOG MILE
4 - KANSAS CITY CLAY MO 9 12th Street 12.43300

SHIP TO:

MARK DURHAM 9101 EAST 40TH TERRACE KANSAS CITY, MO 64133

SIGNAL ID 244

CONTROLLER

TS1

SYSTEM MASTER

INTERCONNECT TYPE

7-WIRE LOCAL

BACKPANEL

12-POSITION-TS1

CONTROLLER TYPE

ACTUATED

DETECTION TYPE

INDUCTION AND VIDEO

VIDEO SYSTEM INTERFACE

INDUCTION DETECTOR PANEL

VIDEO SYSTEM TYPE

Autoscope

CABINET TYPE

NEMA/PT STANDARD EV

CABINET DESCRIPTION

PRE-EMPT

PRE-EMPT INFORMATION

☒ D PLUG

NEMA TS1 LOAD SWITCH ASSIGNMENTS

1	2	3	4	5	6	7	8	9	10	11	12
1	2	3	4	5	6		8	OLA			8P

☐ EXCLUSIVE PED PHASE

NEMA TS2 LOAD SWITCH ASSIGNMENTS

13	14	15	16

OF STANDARD 2-CHANNEL DETECTOR

2

NEMA

OF DELAY/EXT 2-CHANNEL DETECTOR

1

CARD RACK CONFIGURATION

FILL IN POSITIONS NEEDED WITH ASSOCIATED PHASE NUMBER

1-CH1 0	2-CH1 0	3-CH1 0	4-CH1 0	5-CH1 0	6-CH1 0	7-CH1 8	8-CH1 8
1-CH2 0	2-CH2 0	3-CH2 0	4-CH2 0	5-CH2 0	6-CH2 0	7-CH2 4	8-CH2 4

DELAY/EXTEND

DET

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VIDEO

V DET

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V DET 2

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V DET 3

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V DET 4

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V DET 5

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V DET 6

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V DET 7

☐

V DET 8

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OTHER INFORMATION OR SPECIAL REQUIREMENTS:

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Add a New Record



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NEMA TS1/TS2 Traffic Signal Controller Order Form

DISTRICT COUNTY DESIGNATION TRAVELWAY CROSS STREET LOG MILE

SHIP TO:

MARK DURHAM

SIGNAL ID

CONTROLLER

CONTROLLER TYPE

CABINET TYPE

SYSTEM MASTER

DETECTION TYPE

CABINET DESCRIPTION

INTERCONNECT TYPE

VIDEO SYSTEM INTERFACE

PRE-EMPT

BACKPANEL

VIDEO SYSTEM TYPE

PRE-EMPT INFORMATION

☒ D PLUG

NEMA TS1 LOAD SWITCH ASSIGNMENTS

1	2	3	4	5	6	7	8	9	10	11	12
1	2		4	5	6		8				8P

☐ EXCLUSIVE PED PHASE

NEMA TS2 LOAD SWITCH ASSIGNMENTS

13	14	15	16

OF STANDARD 2-CHANNEL DETECTOR

NEMA

OF DELAY/EXT 2-CHANNEL DETECTOR

CARD RACK CONFIGURATION

FILL IN POSITIONS NEEDED WITH ASSOCIATED PHASE NUMBER

1-CH1 <input type="text" value="0"/>	2-CH1 <input type="text" value="0"/>	3-CH1 <input type="text" value="0"/>	4-CH1 <input type="text" value="0"/>	5-CH1 <input type="text" value="0"/>	6-CH1 <input type="text" value="0"/>	7-CH1 <input type="text" value="8"/>	8-CH1 <input type="text" value="8"/>
1-CH2 <input type="text" value="0"/>	2-CH2 <input type="text" value="0"/>	3-CH2 <input type="text" value="0"/>	4-CH2 <input type="text" value="0"/>	5-CH2 <input type="text" value="0"/>	6-CH2 <input type="text" value="0"/>	7-CH2 <input type="text" value="4"/>	8-CH2 <input type="text" value="4"/>

DELAY/EXTEND

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VIDEO

V DET

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V DET 2

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V DET 3

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V DET 4

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V DET 5

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V DET 6

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V DET 7

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V DET 8

☐

OTHER INFORMATION OR SPECIAL REQUIREMENTS:

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Close File



NEMA TS1/TS2 Traffic Signal Controller Order Form

DISTRICT 4 - KANSAS CITY COUNTY CLAY DESIGNATION MO TRAVELWAY 9 CROSS STREET 16th Street LOG MILE 11.93000

SHIP TO:

MARK DURHAM 9101 EAST 40TH TERRACE KANSAS CITY, MO 64133

SIGNAL ID 246

CONTROLLER

TS1

SYSTEM MASTER

INTERCONNECT TYPE

7-WIRE LOCAL

BACKPANEL

12-POSITION-TS1

☒ D PLUG

CONTROLLER TYPE

ACTUATED

DETECTION TYPE

INDUCTION AND VIDEO

VIDEO SYSTEM INTERFACE

INDUCTION DETECTOR PANEL

VIDEO SYSTEM TYPE

Autoscope

CABINET TYPE

NEMA/PT STANDARD EV

CABINET DESCRIPTION

PRE-EMPT

PRE-EMPT INFORMATION

NEMA TS1 LOAD SWITCH ASSIGNMENTS

1	2	3	4	5	6	7	8	9	10	11	12
1	2		4	5	6		8				8P

☐ EXCLUSIVE PED PHASE

NEMA TS2 LOAD SWITCH ASSIGNMENTS

13	14	15	16

OF STANDARD 2-CHANNEL DETECTOR 2

NEMA

OF DELAY/EXT 2-CHANNEL DETECTOR 1

CARD RACK CONFIGURATION

FILL IN POSITIONS NEEDED WITH ASSOCIATED PHASE NUMBER

1-CH1 0	2-CH1 0	3-CH1 0	4-CH1 0	5-CH1 0	6-CH1 0	7-CH1 8	8-CH1 8
1-CH2 0	2-CH2 0	3-CH2 0	4-CH2 0	5-CH2 0	6-CH2 0	7-CH2 4	8-CH2 4

DELAY/EXTEND

DET DET DET DET DET DET DET DET ☒

VIDEO

V DET V DET 2 V DET 3 V DET 4 V DET 5 V DET 6 V DET 7 V DET 8

OTHER INFORMATION OR SPECIAL REQUIREMENTS:

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Add a New Record

Close File

NEMA TS1/TS2 Traffic Signal Controller Order Form

DISTRICT 4 - KANSAS CITY COUNTY CLAY DESIGNATION MO TRAVELWAY 9 CROSS STREET Armour LOG MILE 11.68100

SHIP TO: MARK DURHAM 9101 EAST 40TH TERRACE KANSAS CITY, MO 64133

SIGNAL ID 240 & 250

CONTROLLER

TS1

SYSTEM MASTER

NEMA SYSTEM MASTER

INTERCONNECT TYPE

7-WIRE MASTER

BACKPANEL

12-POSITION-TS1

☒ D PLUG

CONTROLLER TYPE

ACTUATED

DETECTION TYPE

INDUCTION AND VIDEO

VIDEO SYSTEM INTERFACE

INDUCTION DETECTOR PANEL

VIDEO SYSTEM TYPE

Autoscope

CABINET TYPE

NEMA/PT STANDARD EV

CABINET DESCRIPTION

PRE-EMPT

PRE-EMPT INFORMATION

NEMA TS1 LOAD SWITCH ASSIGNMENTS

1	2	3	4	5	6	7	8	9	10	11	12
	2			5	6		8				8P

☐ EXCLUSIVE PED PHASE

NEMA TS2 LOAD SWITCH ASSIGNMENTS

13	14	15	16

OF STANDARD 2-CHANNEL DETECTOR

2

NEMA

OF DELAY/EXT 2-CHANNEL DETECTOR

1

CARD RACK CONFIGURATION

FILL IN POSITIONS NEEDED WITH ASSOCIATED PHASE NUMBER

1-CH1 0	2-CH1 0	3-CH1 0	4-CH1 0	5-CH1 0	6-CH1 0	7-CH1 8	8-CH1 8
1-CH2 0	2-CH2 0	3-CH2 0	4-CH2 0	5-CH2 0	6-CH2 0	7-CH2 0	8-CH2 0

DELAY/EXTEND

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DET
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VIDEO

V DET
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V DET 2
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V DET 3
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V DET 4
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V DET 5
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V DET 6
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V DET 7
☐

V DET 8
☐

OTHER INFORMATION OR SPECIAL REQUIREMENTS:

** This cabinet requires a local AND master controller!

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NEMA TS1/TS2 Traffic Signal Controller Order Form

DISTRICT COUNTY DESIGNATION TRAVELWAY CROSS STREET LOG MILE

SHIP TO:

SIGNAL ID

CONTROLLER

SYSTEM MASTER

INTERCONNECT TYPE

BACKPANEL

☒ D PLUG

CONTROLLER TYPE

DETECTION TYPE

VIDEO SYSTEM INTERFACE

VIDEO SYSTEM TYPE

CABINET TYPE

CABINET DESCRIPTION

PRE-EMPT

PRE-EMPT INFORMATION

NEMA TS1 LOAD SWITCH ASSIGNMENTS

1	2	3	4	5	6	7	8	9	10	11	12
1	2		4	5	6		8				8P

☐ EXCLUSIVE PED PHASE

NEMA TS2 LOAD SWITCH ASSIGNMENTS

13	14	15	16

OF STANDARD 2-CHANNEL DETECTOR

NEMA

OF DELAY/EXT 2-CHANNEL DETECTOR

CARD RACK CONFIGURATION

FILL IN POSITIONS NEEDED WITH ASSOCIATED PHASE NUMBER

1-CH1 <input type="text" value="0"/>	2-CH1 <input type="text" value="0"/>	3-CH1 <input type="text" value="0"/>	4-CH1 <input type="text" value="0"/>	5-CH1 <input type="text" value="0"/>	6-CH1 <input type="text" value="0"/>	7-CH1 <input type="text" value="8"/>	8-CH1 <input type="text" value="8"/>
1-CH2 <input type="text" value="0"/>	2-CH2 <input type="text" value="0"/>	3-CH2 <input type="text" value="0"/>	4-CH2 <input type="text" value="0"/>	5-CH2 <input type="text" value="0"/>	6-CH2 <input type="text" value="0"/>	7-CH2 <input type="text" value="4"/>	8-CH2 <input type="text" value="4"/>

DELAY/EXTEND

DET ☐ DET ☐ DET ☐ DET ☐ DET ☐ DET ☒ DET ☒

VIDEO

V DET ☐ V DET 2 ☐ V DET 3 ☐ V DET 4 ☐ V DET 5 ☐ V DET 6 ☐ V DET 7 ☐ V DET 8 ☐

OTHER INFORMATION OR SPECIAL REQUIREMENTS:

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NEMA TS1/TS2 Traffic Signal Controller Order Form

DISTRICT COUNTY DESIGNATION TRAVELWAY CROSS STREET LOG MILE

SHIP TO:

SIGNAL ID

CONTROLLER

SYSTEM MASTER

INTERCONNECT TYPE

BACKPANEL

CONTROLLER TYPE

DETECTION TYPE

VIDEO SYSTEM INTERFACE

VIDEO SYSTEM TYPE

CABINET TYPE

CABINET DESCRIPTION

PRE-EMPT

PRE-EMPT INFORMATION

☒ D PLUG

NEMA TS1 LOAD SWITCH ASSIGNMENTS

1	2	3	4	5	6	7	8	9	10	11	12
1	2		4	5	6		8		4P		

☐ EXCLUSIVE PED PHASE

NEMA TS2 LOAD SWITCH ASSIGNMENTS

13	14	15	16

OF STANDARD 2-CHANNEL DETECTOR

NEMA

OF DELAY/EXT 2-CHANNEL DETECTOR

CARD RACK CONFIGURATION

FILL IN POSITIONS NEEDED WITH ASSOCIATED PHASE NUMBER

1-CH1 <input type="text" value="0"/>	2-CH1 <input type="text" value="0"/>	3-CH1 <input type="text" value="0"/>	4-CH1 <input type="text" value="0"/>	5-CH1 <input type="text" value="0"/>	6-CH1 <input type="text" value="0"/>	7-CH1 <input type="text" value="0"/>	8-CH1 <input type="text" value="0"/>
1-CH2 <input type="text" value="0"/>	2-CH2 <input type="text" value="0"/>	3-CH2 <input type="text" value="0"/>	4-CH2 <input type="text" value="0"/>	5-CH2 <input type="text" value="0"/>	6-CH2 <input type="text" value="0"/>	7-CH2 <input type="text" value="0"/>	8-CH2 <input type="text" value="0"/>

DELAY/EXTEND

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VIDEO

V DET

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V DET 2

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V DET 3

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V DET 4

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V DET 5

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V DET 6

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V DET 7

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V DET 8

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OTHER INFORMATION OR SPECIAL REQUIREMENTS:

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NEMA TS1/TS2 Traffic Signal Controller Order Form

DISTRICT COUNTY DESIGNATION TRAVELWAY CROSS STREET LOG MILE

SHIP TO:

SIGNAL ID

CONTROLLER

SYSTEM MASTER

INTERCONNECT TYPE

BACKPANEL

☒ D PLUG

CONTROLLER TYPE

DETECTION TYPE

VIDEO SYSTEM INTERFACE

VIDEO SYSTEM TYPE

CABINET TYPE

CABINET DESCRIPTION

PRE-EMPT

PRE-EMPT INFORMATION

NEMA TS1 LOAD SWITCH ASSIGNMENTS

1	2	3	4	5	6	7	8	9	10	11	12
	2		4		6						

☐ EXCLUSIVE PED PHASE

NEMA TS2 LOAD SWITCH ASSIGNMENTS

13	14	15	16

OF STANDARD 2-CHANNEL DETECTOR

NEMA

OF DELAY/EXT 2-CHANNEL DETECTOR

CARD RACK CONFIGURATION

FILL IN POSITIONS NEEDED WITH ASSOCIATED PHASE NUMBER

1-CH1 <input type="text" value="0"/>	2-CH1 <input type="text" value="6"/>	3-CH1 <input type="text" value="6"/>	4-CH1 <input type="text" value="0"/>	5-CH1 <input type="text" value="0"/>	6-CH1 <input type="text" value="0"/>	7-CH1 <input type="text" value="8"/>	8-CH1 <input type="text" value="8"/>
1-CH2 <input type="text" value="0"/>	2-CH2 <input type="text" value="2"/>	3-CH2 <input type="text" value="2"/>	4-CH2 <input type="text" value="0"/>	5-CH2 <input type="text" value="0"/>	6-CH2 <input type="text" value="0"/>	7-CH2 <input type="text" value="0"/>	8-CH2 <input type="text" value="0"/>

DELAY/EXTEND

DET ☐ DET ☐ DET ☐ DET ☐ DET ☐ DET ☐ DET ☐

VIDEO

V DET ☐ V DET 2 ☐ V DET 3 ☐ V DET 4 ☐ V DET 5 ☐ V DET 6 ☐ V DET 7 ☐ V DET 8 ☐

OTHER INFORMATION OR SPECIAL REQUIREMENTS:

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NEMA TS1/TS2 Traffic Signal Controller Order Form

DISTRICT COUNTY DESIGNATION TRAVELWAY CROSS STREET LOG MILE

SHIP TO:

SIGNAL ID

CONTROLLER

SYSTEM MASTER

INTERCONNECT TYPE

BACKPANEL

☒ D PLUG

CONTROLLER TYPE

DETECTION TYPE

VIDEO SYSTEM INTERFACE

VIDEO SYSTEM TYPE

CABINET TYPE

CABINET DESCRIPTION

PRE-EMPT

PRE-EMPT INFORMATION

NEMA TS1 LOAD SWITCH ASSIGNMENTS

1	2	3	4	5	6	7	8	9	10	11	12
1	2		4	5	6		8				

☐ EXCLUSIVE PED PHASE

NEMA TS2 LOAD SWITCH ASSIGNMENTS

13	14	15	16

OF STANDARD 2-CHANNEL DETECTOR

NEMA

OF DELAY/EXT 2-CHANNEL DETECTOR

CARD RACK CONFIGURATION

FILL IN POSITIONS NEEDED WITH ASSOCIATED PHASE NUMBER

1-CH1 <input type="text" value="0"/>	2-CH1 <input type="text" value="0"/>	3-CH1 <input type="text" value="0"/>	4-CH1 <input type="text" value="0"/>	5-CH1 <input type="text" value="0"/>	6-CH1 <input type="text" value="0"/>	7-CH1 <input type="text" value="0"/>	8-CH1 <input type="text" value="0"/>
1-CH2 <input type="text" value="0"/>	2-CH2 <input type="text" value="0"/>	3-CH2 <input type="text" value="0"/>	4-CH2 <input type="text" value="0"/>	5-CH2 <input type="text" value="0"/>	6-CH2 <input type="text" value="0"/>	7-CH2 <input type="text" value="0"/>	8-CH2 <input type="text" value="0"/>

DELAY/EXTEND

DET ☐ DET ☐ DET ☐ DET ☐ DET ☐ DET ☐ DET ☐

VIDEO

V DET ☐ V DET 2 ☐ V DET 3 ☐ V DET 4 ☐ V DET 5 ☐ V DET 6 ☐ V DET 7 ☐ V DET 8 ☐

OTHER INFORMATION OR SPECIAL REQUIREMENTS:

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Close File



NEMA TS1/TS2 Traffic Signal Controller Order Form

DISTRICT COUNTY DESIGNATION TRAVELWAY CROSS STREET LOG MILE

SHIP TO:

SIGNAL ID

CONTROLLER

CONTROLLER TYPE

CABINET TYPE

CABINET DESCRIPTION

SYSTEM MASTER

DETECTION TYPE

INTERCONNECT TYPE

VIDEO SYSTEM INTERFACE

PRE-EMPT

BACKPANEL

VIDEO SYSTEM TYPE

PRE-EMPT INFORMATION

☒ D PLUG

NEMA TS1 LOAD SWITCH ASSIGNMENTS

1	2	3	4	5	6	7	8	9	10	11	12
	2		4	5	6		8		4P		

☐ EXCLUSIVE PED PHASE

NEMA TS2 LOAD SWITCH ASSIGNMENTS

13	14	15	16

OF STANDARD 2-CHANNEL DETECTOR

NEMA

OF DELAY/EXT 2-CHANNEL DETECTOR

CARD RACK CONFIGURATION

FILL IN POSITIONS NEEDED WITH ASSOCIATED PHASE NUMBER

1-CH1	2-CH1	3-CH1	4-CH1	5-CH1	6-CH1	7-CH1	8-CH1
<input type="text" value="1"/>	<input type="text" value="6"/>	<input type="text" value="6"/>	<input type="text" value="0"/>	<input type="text" value="0"/>	<input type="text" value="0"/>	<input type="text" value="8"/>	<input type="text" value="8"/>
1-CH2	2-CH2	3-CH2	4-CH2	5-CH2	6-CH2	7-CH2	8-CH2
<input type="text" value="5"/>	<input type="text" value="2"/>	<input type="text" value="2"/>	<input type="text" value="0"/>	<input type="text" value="0"/>	<input type="text" value="0"/>	<input type="text" value="4"/>	<input type="text" value="4"/>

DELAY/EXTEND

DET ☐ DET ☒ DET ☐ DET ☐ DET ☐ DET ☐ DET ☐ DET ☒

VIDEO

V DET ☐ V DET 2 ☐ V DET 3 ☐ V DET 4 ☐ V DET 5 ☐ V DET 6 ☐ V DET 7 ☐ V DET 8 ☐

OTHER INFORMATION OR SPECIAL REQUIREMENTS:

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NEMA TS1/TS2 Traffic Signal Controller Order Form

DISTRICT COUNTY DESIGNATION TRAVELWAY CROSS STREET LOG MILE

SHIP TO:

SIGNAL ID

CONTROLLER

CONTROLLER TYPE

CABINET TYPE

CABINET DESCRIPTION

SYSTEM MASTER

DETECTION TYPE

INTERCONNECT TYPE

VIDEO SYSTEM INTERFACE

PRE-EMPT

BACKPANEL

VIDEO SYSTEM TYPE

PRE-EMPT INFORMATION

☐ D PLUG

NEMA TS1 LOAD SWITCH ASSIGNMENTS

1	2	3	4	5	6	7	8	9	10	11	12
EB Lt	WB Th	NB	SB	WB Lt	EB Thr						

☐ EXCLUSIVE PED PHASE

NEMA TS2 LOAD SWITCH ASSIGNMENTS

13	14	15	16

OF STANDARD 2-CHANNEL DETECTOR

NEMA

OF DELAY/EXT 2-CHANNEL DETECTOR

CARD RACK CONFIGURATION

FILL IN POSITIONS NEEDED WITH ASSOCIATED PHASE NUMBER

1-CH1 <input type="text" value="1"/>	2-CH1 <input type="text" value="6"/>	3-CH1 <input type="text" value="6"/>	4-CH1 <input type="text" value="0"/>	5-CH1 <input type="text" value="3"/>	6-CH1 <input type="text" value="3"/>	7-CH1 <input type="text" value="3"/>	8-CH1 <input type="text" value="0"/>
1-CH2 <input type="text" value="5"/>	2-CH2 <input type="text" value="2"/>	3-CH2 <input type="text" value="2"/>	4-CH2 <input type="text" value="0"/>	5-CH2 <input type="text" value="4"/>	6-CH2 <input type="text" value="4"/>	7-CH2 <input type="text" value="0"/>	8-CH2 <input type="text" value="0"/>

DELAY/EXTEND

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VIDEO

V DET

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V DET 2

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V DET 3

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V DET 4

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V DET 5

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V DET 6

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V DET 7

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V DET 8

☐

OTHER INFORMATION OR SPECIAL REQUIREMENTS:

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Add a New Record



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NEMA TS1/TS2 Traffic Signal Controller Order Form

DISTRICT COUNTY DESIGNATION TRAVELWAY CROSS STREET LOG MILE

SHIP TO:

SIGNAL ID

CONTROLLER

CONTROLLER TYPE

CABINET TYPE

CABINET DESCRIPTION

SYSTEM MASTER

DETECTION TYPE

INTERCONNECT TYPE

VIDEO SYSTEM INTERFACE

PRE-EMPT

BACKPANEL

VIDEO SYSTEM TYPE

PRE-EMPT INFORMATION

☐ D PLUG

NEMA TS1 LOAD SWITCH ASSIGNMENTS

1	2	3	4	5	6	7	8	9	10	11	12
	NB	EB Lt	WB Thr		SB Thr	WB Lt	EB Thr				

☐ EXCLUSIVE PED PHASE

NEMA TS2 LOAD SWITCH ASSIGNMENTS

13	14	15	16

OF STANDARD 2-CHANNEL DETECTOR

NEMA

OF DELAY/EXT 2-CHANNEL DETECTOR

CARD RACK CONFIGURATION

FILL IN POSITIONS NEEDED WITH ASSOCIATED PHASE NUMBER

1-CH1 <input type="text" value="0"/>	2-CH1 <input type="text" value="6"/>	3-CH1 <input type="text" value="6"/>	4-CH1 <input type="text" value="0"/>	5-CH1 <input type="text" value="3"/>	6-CH1 <input type="text" value="8"/>	7-CH1 <input type="text" value="0"/>	8-CH1 <input type="text" value="0"/>
1-CH2 <input type="text" value="0"/>	2-CH2 <input type="text" value="2"/>	3-CH2 <input type="text" value="2"/>	4-CH2 <input type="text" value="0"/>	5-CH2 <input type="text" value="7"/>	6-CH2 <input type="text" value="4"/>	7-CH2 <input type="text" value="0"/>	8-CH2 <input type="text" value="0"/>

DELAY/EXTEND

DET ☐ DET ☐ DET ☐ DET ☐ DET ☐ DET ☐ DET ☐

VIDEO

V DET ☐ V DET 2 ☐ V DET 3 ☐ V DET 4 ☐ V DET 5 ☐ V DET 6 ☐ V DET 7 ☐ V DET 8 ☐

OTHER INFORMATION OR SPECIAL REQUIREMENTS:

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NEMA TS1/TS2 Traffic Signal Controller Order Form

DISTRICT COUNTY DESIGNATION TRAVELWAY CROSS STREET LOG MILE

SHIP TO:

SIGNAL ID

CONTROLLER

CONTROLLER TYPE

CABINET TYPE

CABINET DESCRIPTION

SYSTEM MASTER

DETECTION TYPE

INTERCONNECT TYPE

VIDEO SYSTEM INTERFACE

PRE-EMPT

BACKPANEL

VIDEO SYSTEM TYPE

PRE-EMPT INFORMATION

☐ D PLUG

NEMA TS1 LOAD SWITCH ASSIGNMENTS

1	2	3	4	5	6	7	8	9	10	11	12
<input type="text" value="1"/>	<input type="text" value="2"/>	<input type="text" value="3"/>	<input type="text" value="4"/>	<input type="text" value="5"/>	<input type="text" value="6"/>	<input type="text" value="7"/>	<input type="text" value="8"/>	<input type="text" value="9"/>	<input type="text" value="10"/>	<input type="text" value="11"/>	<input type="text" value="12"/>

☐ EXCLUSIVE PED PHASE

NEMA TS2 LOAD SWITCH ASSIGNMENTS

13	14	15	16
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

OF STANDARD 2-CHANNEL DETECTOR

NEMA

OF DELAY/EXT 2-CHANNEL DETECTOR

CARD RACK CONFIGURATION

FILL IN POSITIONS NEEDED WITH ASSOCIATED PHASE NUMBER

1-CH1 <input type="text" value="1"/>	2-CH1 <input type="text" value="2"/>	3-CH1 <input type="text" value="2"/>	4-CH1 <input type="text" value="2"/>	5-CH1 <input type="text" value="3"/>	6-CH1 <input type="text" value="4"/>	7-CH1 <input type="text" value="4"/>	8-CH1 <input type="text" value="4"/>
1-CH2 <input type="text" value="5"/>	2-CH2 <input type="text" value="6"/>	3-CH2 <input type="text" value="6"/>	4-CH2 <input type="text" value="6"/>	5-CH2 <input type="text" value="7"/>	6-CH2 <input type="text" value="8"/>	7-CH2 <input type="text" value="8"/>	8-CH2 <input type="text" value="8"/>

DELAY/EXTEND

DET ☒ DET ☒ DET ☒ DET ☒ DET ☒ DET ☒ DET ☒

VIDEO

V DET ☐ V DET 2 ☐ V DET 3 ☐ V DET 4 ☐ V DET 5 ☐ V DET 6 ☐ V DET 7 ☐ V DET 8 ☐

OTHER INFORMATION OR SPECIAL REQUIREMENTS:

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NEMA TS1/TS2 Traffic Signal Controller Order Form

DISTRICT COUNTY DESIGNATION TRAVELWAY CROSS STREET LOG MILE

SHIP TO:

SIGNAL ID

CONTROLLER

CONTROLLER TYPE

CABINET TYPE

CABINET DESCRIPTION

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INTERCONNECT TYPE

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PRE-EMPT

BACKPANEL

VIDEO SYSTEM TYPE

PRE-EMPT INFORMATION

☐ D PLUG

NEMA TS1 LOAD SWITCH ASSIGNMENTS

1	2	3	4	5	6	7	8	9	10	11	12
1	2	3	4	5	6	7	8	9	10	11	12

☐ EXCLUSIVE PED PHASE

NEMA TS2 LOAD SWITCH ASSIGNMENTS

13	14	15	16

OF STANDARD 2-CHANNEL DETECTOR

NEMA

OF DELAY/EXT 2-CHANNEL DETECTOR

CARD RACK CONFIGURATION

FILL IN POSITIONS NEEDED WITH ASSOCIATED PHASE NUMBER

1-CH1	2-CH1	3-CH1	4-CH1	5-CH1	6-CH1	7-CH1	8-CH1
<input type="text" value="1"/>	<input type="text" value="2"/>	<input type="text" value="2"/>	<input type="text" value="2"/>	<input type="text" value="3"/>	<input type="text" value="4"/>	<input type="text" value="4"/>	<input type="text" value="4"/>
1-CH2	2-CH2	3-CH2	4-CH2	5-CH2	6-CH2	7-CH2	8-CH2
<input type="text" value="5"/>	<input type="text" value="6"/>	<input type="text" value="6"/>	<input type="text" value="6"/>	<input type="text" value="7"/>	<input type="text" value="8"/>	<input type="text" value="8"/>	<input type="text" value="8"/>

DELAY/EXTEND

DET ☒ DET ☒ DET ☒ DET ☒ DET ☒ DET ☒ DET ☒

VIDEO

V DET ☐ V DET 2 ☐ V DET 3 ☐ V DET 4 ☐ V DET 5 ☐ V DET 6 ☐ V DET 7 ☐ V DET 8 ☐

OTHER INFORMATION OR SPECIAL REQUIREMENTS:

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NEMA TS1/TS2 Traffic Signal Controller Order Form

DISTRICT COUNTY DESIGNATION TRAVELWAY CROSS STREET LOG MILE

SHIP TO:

SIGNAL ID

CONTROLLER

CONTROLLER TYPE

CABINET TYPE

CABINET DESCRIPTION

SYSTEM MASTER

DETECTION TYPE

INTERCONNECT TYPE

VIDEO SYSTEM INTERFACE

PRE-EMPT

BACKPANEL

VIDEO SYSTEM TYPE

PRE-EMPT INFORMATION

☐ D-PLUG

NEMA TS1 LOAD SWITCH ASSIGNMENTS

1	2	3	4	5	6	7	8	9	10	11	12
<input type="text" value="1"/>	<input type="text" value="2"/>	<input type="text" value="3"/>	<input type="text" value="4"/>	<input type="text" value="5"/>	<input type="text" value="6"/>	<input type="text" value="7"/>	<input type="text" value="8"/>	<input type="text" value="9"/>	<input type="text" value="10"/>	<input type="text" value="11"/>	<input type="text" value="12"/>

☐ EXCLUSIVE PED PHASE

NEMA TS2 LOAD SWITCH ASSIGNMENTS

13	14	15	16
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

NEMA

OF STANDARD 2-CHANNEL DETECTOR

OF DELAY/EXT 2-CHANNEL DETECTOR

CARD RACK CONFIGURATION

FILL IN POSITIONS NEEDED WITH ASSOCIATED PHASE NUMBER

1-CH1	2-CH1	3-CH1	4-CH1	5-CH1	6-CH1	7-CH1	8-CH1
<input type="text" value="1"/>	<input type="text" value="2"/>	<input type="text" value="2"/>	<input type="text" value="3"/>	<input type="text" value="4"/>	<input type="text" value="4"/>	<input type="text" value="0"/>	<input type="text" value="0"/>
1-CH2	2-CH2	3-CH2	4-CH2	5-CH2	6-CH2	7-CH2	8-CH2
<input type="text" value="5"/>	<input type="text" value="6"/>	<input type="text" value="6"/>	<input type="text" value="7"/>	<input type="text" value="8"/>	<input type="text" value="8"/>	<input type="text" value="0"/>	<input type="text" value="0"/>

DELAY/EXTEND

DET

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VIDEO

V DET

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V DET 2

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V DET 3

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V DET 4

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V DET 5

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V DET 6

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V DET 7

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V DET 8

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OTHER INFORMATION OR SPECIAL REQUIREMENTS:

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NEMA TS1/TS2 Traffic Signal Controller Order Form

DISTRICT COUNTY DESIGNATION TRAVELWAY CROSS STREET LOG MILE

SHIP TO:

SIGNAL ID

CONTROLLER

CONTROLLER TYPE

CABINET TYPE

SYSTEM MASTER

DETECTION TYPE

CABINET DESCRIPTION

INTERCONNECT TYPE

VIDEO SYSTEM INTERFACE

PRE-EMPT

BACKPANEL

VIDEO SYSTEM TYPE

PRE-EMPT INFORMATION

☐ D PLUG

NEMA TS1 LOAD SWITCH ASSIGNMENTS

1	2	3	4	5	6	7	8	9	10	11	12
<input type="text" value="1"/>	<input type="text" value="2"/>	<input type="text" value="3"/>	<input type="text" value="4"/>	<input type="text" value="5"/>	<input type="text" value="6"/>	<input type="text" value="7"/>	<input type="text" value="8"/>	<input type="text" value="9"/>	<input type="text" value="10"/>	<input type="text" value="11"/>	<input type="text" value="12"/>

☐ EXCLUSIVE PED PHASE

NEMA TS2 LOAD SWITCH ASSIGNMENTS

13	14	15	16
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

OF STANDARD 2-CHANNEL DETECTOR

NEMA

OF DELAY/EXT 2-CHANNEL DETECTOR

CARD RACK CONFIGURATION

FILL IN POSITIONS NEEDED WITH ASSOCIATED PHASE NUMBER

1-CH1 <input type="text" value="1"/>	2-CH1 <input type="text" value="2"/>	3-CH1 <input type="text" value="2"/>	4-CH1 <input type="text" value="3"/>	5-CH1 <input type="text" value="4"/>	6-CH1 <input type="text" value="4"/>	7-CH1 <input type="text" value="0"/>	8-CH1 <input type="text" value="0"/>
1-CH2 <input type="text" value="5"/>	2-CH2 <input type="text" value="6"/>	3-CH2 <input type="text" value="6"/>	4-CH2 <input type="text" value="7"/>	5-CH2 <input type="text" value="8"/>	6-CH2 <input type="text" value="8"/>	7-CH2 <input type="text" value="0"/>	8-CH2 <input type="text" value="0"/>

DELAY/EXTEND

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V DET 4

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V DET 5

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V DET 6

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V DET 7

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V DET 8

☐

OTHER INFORMATION OR SPECIAL REQUIREMENTS:

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NEMA TS1/TS2 Traffic Signal Controller Order Form

DISTRICT COUNTY DESIGNATION TRAVELWAY CROSS STREET LOG MILE

SHIP TO:

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BACKPANEL

VIDEO SYSTEM TYPE

PRE-EMPT INFORMATION

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NEMA TS1 LOAD SWITCH ASSIGNMENTS

1	2	3	4	5	6	7	8	9	10	11	12
<input type="text" value="1"/>	<input type="text" value="2"/>	<input type="text" value="3"/>	<input type="text" value="4"/>	<input type="text" value="5"/>	<input type="text" value="6"/>	<input type="text" value="7"/>	<input type="text" value="8"/>	<input type="text" value="9"/>	<input type="text" value="10"/>	<input type="text" value="11"/>	<input type="text" value="12"/>

☐ EXCLUSIVE PED PHASE

NEMA TS2 LOAD SWITCH ASSIGNMENTS

13	14	15	16
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

OF STANDARD 2-CHANNEL DETECTOR

NEMA

OF DELAY/EXT 2-CHANNEL DETECTOR

CARD RACK CONFIGURATION

FILL IN POSITIONS NEEDED WITH ASSOCIATED PHASE NUMBER

1-CH1 <input type="text" value="1"/>	2-CH1 <input type="text" value="2"/>	3-CH1 <input type="text" value="2"/>	4-CH1 <input type="text" value="3"/>	5-CH1 <input type="text" value="4"/>	6-CH1 <input type="text" value="4"/>	7-CH1 <input type="text" value="0"/>	8-CH1 <input type="text" value="0"/>
1-CH2 <input type="text" value="5"/>	2-CH2 <input type="text" value="6"/>	3-CH2 <input type="text" value="6"/>	4-CH2 <input type="text" value="7"/>	5-CH2 <input type="text" value="8"/>	6-CH2 <input type="text" value="8"/>	7-CH2 <input type="text" value="0"/>	8-CH2 <input type="text" value="0"/>

DELAY/EXTEND

DET ☒ DET ☒ DET ☒ DET ☒ DET ☒ DET ☒ DET ☐ DET ☐

VIDEO

V DET ☐ V DET 2 ☐ V DET 3 ☐ V DET 4 ☐ V DET 5 ☐ V DET 6 ☐ V DET 7 ☐ V DET 8 ☐

OTHER INFORMATION OR SPECIAL REQUIREMENTS:

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NEMA TS1/TS2 Traffic Signal Controller Order Form

DISTRICT COUNTY DESIGNATION TRAVELWAY CROSS STREET LOG MILE

SHIP TO:

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CABINET DESCRIPTION

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DETECTION TYPE

INTERCONNECT TYPE

PRE-EMPT

BACKPANEL

VIDEO SYSTEM TYPE

PRE-EMPT INFORMATION

☐ D PLUG

NEMA TS1 LOAD SWITCH ASSIGNMENTS

1	2	3	4	5	6	7	8	9	10	11	12
<input type="text" value="1"/>	<input type="text" value="2"/>	<input type="text" value="3"/>	<input type="text" value="4"/>	<input type="text" value="5"/>	<input type="text" value="6"/>	<input type="text" value="7"/>	<input type="text" value="8"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

☐ EXCLUSIVE PED PHASE

NEMA TS2 LOAD SWITCH ASSIGNMENTS

13	14	15	16
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

OF STANDARD 2-CHANNEL DETECTOR

NEMA

OF DELAY/EXT 2-CHANNEL DETECTOR

CARD RACK CONFIGURATION

FILL IN POSITIONS NEEDED WITH ASSOCIATED PHASE NUMBER

1-CH1 <input type="text" value="1"/>	2-CH1 <input type="text" value="3"/>	3-CH1 <input type="text" value="5"/>	4-CH1 <input type="text" value="7"/>	5-CH1 <input type="text" value="0"/>	6-CH1 <input type="text" value="0"/>	7-CH1 <input type="text" value="0"/>	8-CH1 <input type="text" value="0"/>
1-CH2 <input type="text" value="2"/>	2-CH2 <input type="text" value="4"/>	3-CH2 <input type="text" value="6"/>	4-CH2 <input type="text" value="8"/>	5-CH2 <input type="text" value="0"/>	6-CH2 <input type="text" value="0"/>	7-CH2 <input type="text" value="0"/>	8-CH2 <input type="text" value="0"/>

DELAY/EXTEND

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OTHER INFORMATION OR SPECIAL REQUIREMENTS:

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NEMA TS1/TS2 Traffic Signal Controller Order Form

DISTRICT COUNTY DESIGNATION TRAVELWAY CROSS STREET LOG MILE

SHIP TO:

SIGNAL ID

CONTROLLER

CONTROLLER TYPE

CABINET TYPE

CABINET DESCRIPTION

SYSTEM MASTER

DETECTION TYPE

INTERCONNECT TYPE

VIDEO SYSTEM INTERFACE

PRE-EMPT

BACKPANEL

VIDEO SYSTEM TYPE

PRE-EMPT INFORMATION

☐ D PLUG

NEMA TS1 LOAD SWITCH ASSIGNMENTS

1	2	3	4	5	6	7	8	9	10	11	12
1	2	3	4	5	6	7	8				

☐ EXCLUSIVE PED PHASE

NEMA TS2 LOAD SWITCH ASSIGNMENTS

13	14	15	16

OF STANDARD 2-CHANNEL DETECTOR

NEMA

OF DELAY/EXT 2-CHANNEL DETECTOR

CARD RACK CONFIGURATION

FILL IN POSITIONS NEEDED WITH ASSOCIATED PHASE NUMBER

1-CH1 <input type="text" value="1"/>	2-CH1 <input type="text" value="3"/>	3-CH1 <input type="text" value="5"/>	4-CH1 <input type="text" value="7"/>	5-CH1 <input type="text" value="0"/>	6-CH1 <input type="text" value="0"/>	7-CH1 <input type="text" value="0"/>	8-CH1 <input type="text" value="0"/>
1-CH2 <input type="text" value="2"/>	2-CH2 <input type="text" value="4"/>	3-CH2 <input type="text" value="6"/>	4-CH2 <input type="text" value="8"/>	5-CH2 <input type="text" value="0"/>	6-CH2 <input type="text" value="0"/>	7-CH2 <input type="text" value="0"/>	8-CH2 <input type="text" value="0"/>

DELAY/EXTEND

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V DET 4
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V DET 7
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V DET 8
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OTHER INFORMATION OR SPECIAL REQUIREMENTS:

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NEMA TS1/TS2 Traffic Signal Controller Order Form

DISTRICT COUNTY DESIGNATION TRAVELWAY CROSS STREET LOG MILE

SHIP TO:

SIGNAL ID

CONTROLLER

CONTROLLER TYPE

CABINET TYPE

CABINET DESCRIPTION

SYSTEM MASTER

DETECTION TYPE

INTERCONNECT TYPE

VIDEO SYSTEM INTERFACE

PRE-EMPT

BACKPANEL

VIDEO SYSTEM TYPE

PRE-EMPT INFORMATION

☐ D PLUG

NEMA TS1 LOAD SWITCH ASSIGNMENTS

1	2	3	4	5	6	7	8	9	10	11	12
<input type="text" value="1"/>	<input type="text" value="2"/>	<input type="text" value="3"/>	<input type="text" value="4"/>	<input type="text" value="5"/>	<input type="text" value="6"/>	<input type="text" value="7"/>	<input type="text" value="8"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

☐ EXCLUSIVE PED PHASE

NEMA TS2 LOAD SWITCH ASSIGNMENTS

13	14	15	16
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

OF STANDARD 2-CHANNEL DETECTOR

NEMA

OF DELAY/EXT 2-CHANNEL DETECTOR

CARD RACK CONFIGURATION

FILL IN POSITIONS NEEDED WITH ASSOCIATED PHASE NUMBER

1-CH1 <input type="text" value="1"/>	2-CH1 <input type="text" value="3"/>	3-CH1 <input type="text" value="5"/>	4-CH1 <input type="text" value="7"/>	5-CH1 <input type="text" value="0"/>	6-CH1 <input type="text" value="0"/>	7-CH1 <input type="text" value="0"/>	8-CH1 <input type="text" value="0"/>
1-CH2 <input type="text" value="2"/>	2-CH2 <input type="text" value="4"/>	3-CH2 <input type="text" value="6"/>	4-CH2 <input type="text" value="8"/>	5-CH2 <input type="text" value="0"/>	6-CH2 <input type="text" value="0"/>	7-CH2 <input type="text" value="0"/>	8-CH2 <input type="text" value="0"/>

DELAY/EXTEND

DET ☒ DET ☒ DET ☒ DET ☒ DET ☒ DET ☒ DET ☒

VIDEO

V DET ☐ V DET 2 ☐ V DET 3 ☐ V DET 4 ☐ V DET 5 ☐ V DET 6 ☐ V DET 7 ☐ V DET 8 ☐

OTHER INFORMATION OR SPECIAL REQUIREMENTS:

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NEMA TS1/TS2 Traffic Signal Controller Order Form

DISTRICT COUNTY DESIGNATION TRAVELWAY CROSS STREET LOG MILE

SHIP TO:

DEWAYNE ROBEY

SIGNAL ID

CONTROLLER

CONTROLLER TYPE

SYSTEM MASTER

DETECTION TYPE

INTERCONNECT TYPE

VIDEO SYSTEM INTERFACE

BACKPANEL

VIDEO SYSTEM TYPE

CABINET TYPE

CABINET DESCRIPTION

PRE-EMPT

PRE-EMPT INFORMATION

☐ D PLUG

NEMA TS1 LOAD SWITCH ASSIGNMENTS

1	2	3	4	5	6	7	8	9	10	11	12
<input type="text" value="1"/>	<input type="text" value="2"/>	<input type="text" value="3"/>	<input type="text" value="4"/>	<input type="text" value="5"/>	<input type="text" value="6"/>	<input type="text" value="7"/>	<input type="text" value="8"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

☐ EXCLUSIVE PED PHASE

NEMA TS2 LOAD SWITCH ASSIGNMENTS

13	14	15	16
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

OF STANDARD 2-CHANNEL DETECTOR

NEMA

OF DELAY/EXT 2-CHANNEL DETECTOR

CARD RACK CONFIGURATION

FILL IN POSITIONS NEEDED WITH ASSOCIATED PHASE NUMBER

1-CH1 <input type="text" value="1"/>	2-CH1 <input type="text" value="3"/>	3-CH1 <input type="text" value="5"/>	4-CH1 <input type="text" value="7"/>	5-CH1 <input type="text" value="0"/>	6-CH1 <input type="text" value="0"/>	7-CH1 <input type="text" value="0"/>	8-CH1 <input type="text" value="0"/>
1-CH2 <input type="text" value="2"/>	2-CH2 <input type="text" value="4"/>	3-CH2 <input type="text" value="6"/>	4-CH2 <input type="text" value="8"/>	5-CH2 <input type="text" value="0"/>	6-CH2 <input type="text" value="0"/>	7-CH2 <input type="text" value="0"/>	8-CH2 <input type="text" value="0"/>

DELAY/EXTEND

DET ☒ DET ☒ DET ☒ DET ☒ DET ☒ DET ☒ DET ☒ DET ☒

VIDEO

V DET ☐ V DET 2 ☐ V DET 3 ☐ V DET 4 ☐ V DET 5 ☐ V DET 6 ☐ V DET 7 ☐ V DET 8 ☐

OTHER INFORMATION OR SPECIAL REQUIREMENTS:

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